

SYSTEM
Specification

PRODUCT NAME : n-Hexane 99%, ChemAR[®]
CATALOGUE NUMBER : HE315-50
FORMULA : C₆H₁₄
MOLECULAR WEIGHT : 86.18
CAS. NUMBER : [110-54-3]

IMDG class : 3 UN No : 1208 Packaging group : II

HAZARD STATEMENT:

H225,H361f, H304, H373, H315, H336, H411

PRECAUTIONARY STATEMENT:

P201,P210,P243,P281,P273,P301+P331, P302+P352,P304+P340, P309+P310

Risiko (Risks):R11,R38,R48/20,R62,R65,R67,R51/53

Keselamatan (Safety):S9,S16,S29,S33,S36/37,S61,S62

	Specification	
Assay(GC)	min.99.0	%
Identity(IR-Spectrum)	passes	test
Water	max.0.02	%
Colour	10 Hazen	
Non-volatile matter	max.0.001	%
Acidity(CH ₃ COOH)	max.0.0005	%
Alkalinity(NH ₃)	max.0.0001	%
Bromine number	max. 0.5	
Residue on evaporation	max.0.001	%
Sulphur compounds(S)	max.0.001	%
Aromatic hydrocarbons(as C ₆ H ₆)	max.0.01	%
Aluminium(Al)	max.0.00001	%
Barium(Br)	max.0.000002	%
Cadmium(Cd)	max.0.000005	%
Calcium(Ca)	max.0.00002	%
Chromium(Cr)	max.0.000002	%
Cobalt(Co)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Lead(Pb)	max.0.000002	%
Magnesium(Mg)	max.0.000005	%
Manganese(Mn)	max.0.000002	%
Nickel(Ni)	max.0.000002	%
Potassium(K)	max.0.00001	%
Sodium(Na)	max.0.00001	%
Strontium(Sr)	max.0.000002	%
Tin(Sn)	max.0.00001	%
Zinc(Zn)	max.0.00001	%
Substances darkened by H ₂ SO ₄	passes	test
Wt/ml at 20 ^o C	0.66g	
Melting point:	-94 ^o C	
Boiling point:	68.7 ^o C	

Confirms to ACS, Reagent.



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